

## All COR ISO Recommendations

### Latent Condition, Seismic and ISS

Friday, October 12, 2012 12:29:44 PM

Type	Rec #	ABU	Unit	Year (I/R)	LC or ISS Question #	LC Question ISS Question Seismic Area	Observation	Recommendation	Resolution	Duc Date	Assigned To	Status
Latent Condition	691	RLOP	#18 Plant	2011	3-13	Are all equipment labels (e.g., vessels, piping, valves, instrumentation, etc.) easy to read (clear and in good condition)?	For the most part, labels are easily readable, however there are some areas that could use improvement.	Survey the 18 Plant area and upgrade labeling as indicated.	A survey was completed, and as stated above, could use some improvement. In some cases where original stenciling has faded the lines and equipment do have additional correct "Sharpie" notations on the line by operations. About every 5 years we do a full assessment of all RLOP plants and restencil where necessary to address faded stenciling or restenciling that may have been missed on replaced or damaged insulation. RLOP will do another full assessment in 2014. But anywhere current stenciling is no longer visible, area operators are expected to put in a Maximo work request to address the immediate concern. It shouldn't take a PHA Latent Condition recommendation to make that happen. The RLOP OA will put out an e-mail communication to the RLOP operators reenforcing this expectation. If stenciling is needed they will be expected to create a Maximo work request, otherwise, the full assessment will take place in 2014.	6/15/2012	Seidlitz, Michael R.	Completed
Seismic	681	RLOP	#18 Plant	2011		E-1813A/B	Missing nut and threads south end. Pic 1.	Thread rod and install nut. Contact engineer for other solutions if threading rod is impractical.	Anchor bolts on E-1813A/B have been repaired per the EWO.	6/15/2012	Siebert, Matthew J.	Completed
Seismic	682	RLOP	#18 Plant	2011		C-1831	Signs of severe anchor bolt corrosion. Pic 2.	Clean and measure anchor bolt diameter. Report diameters to engineer for evaluation.	The bolts on C-1831 were cleaned and measured on Work Order 330525. The Civil Engineer reviewed the measurements and determined no further action is required.	6/15/2012	Siebert, Matthew J.	Completed
Seismic	683	RLOP	#18 Plant	2011		C-1832	Signs of severe anchor bolt corrosion. Pic 3.	Clean and measure anchor bolt diameter. Report diameters to Engineer for evaluation.	The bolts on C-1832 were cleaned and measured on Work Order 330526. The Civil Engineer reviewed the measurements and determined no further action is required.	6/15/2012	Siebert, Matthew J.	Completed

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Seismic	684	RLOP	#18 Plant	2011		E-1857	Apparently corroded anchor bolts south end. Pic 4 & 5.	Clean up bolts for further inspection and/or evaluation by Engineer.	Anchor bolts were cleaned and inspected per Maximo # 330527. Upon inspection, it was determined a support saddle should be welded to the exchanger. The saddle was designed per EWO 6501 and welded in place per Maximo # 330527.	6/15/2012	Siebert, Matthew J.	Completed
Seismic	685	RLOP	#18 Plant	2011		E-1855A	Corroded anchor bolts and structural steel. Pic 6 & 7.	Replace anchor bolts and repair or replace structural steel. Needs engineering evaluation.	Civil Engineering reviewed the anchor bolts on E-1855A after they were cleaned by Maintenance. Civil Engineering reviewed the existing anchor bolts and structural steel are deemed that they were adequate. This CORISO item may be closed.	6/15/2012	Siebert, Matthew J.	Completed
Seismic	686	RLOP	#18 Plant	2011		E-1855A/B service structure	Corroded vertical brace connections. Pic 8 & 9.	Repair connections and possibly replace braces. Needs engineering evaluation.	Corroded vertical brace connections were replaced per Maximo 330529.	6/15/2012	Siebert, Matthew J.	Completed
Seismic	687	RLOP	#18 Plant	2011		V-1850	Corroded anchor bolts. Pic 10.	Replace anchor bolts.	Anchor bolts were replaced per Maximo # 330530	6/15/2012	Siebert, Matthew J.	Completed